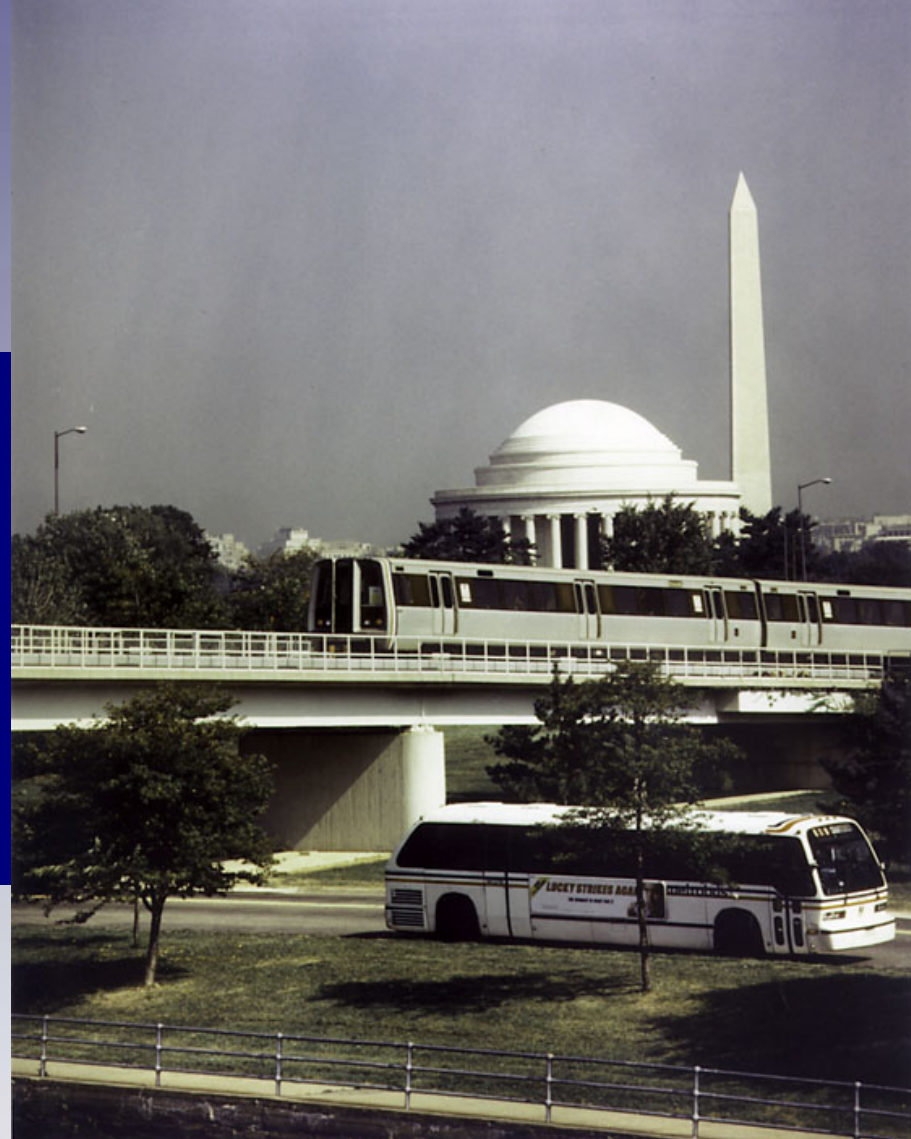


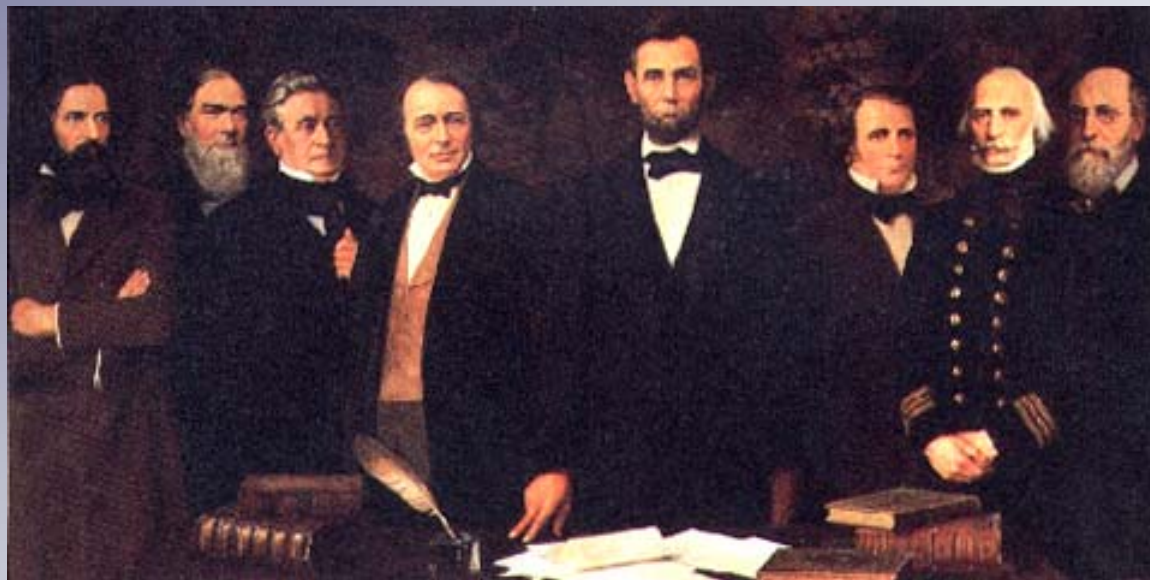
# Transportation Research Board

2005



# 1863

## Founding of the National Academy of Sciences



# 1920 Advisory Board on Highway Research Established



# TRB TODAY

- All modes
- 480 Committees and Panels
- 4,600 Committee Members
- 120 Staff
- \$50 Million Budget
- 150 Reports per Year

# TRB TODAY

## Services

- **Information Exchange**
- **Research Management**
- **Policy Analysis and Advice**
- **Publications and Research Information**



# INFORMATION EXCHANGE



# TRB Standing Committees: Modes and Disciplines

*Encouraging Research and Innovation in Transportation since 1920*



## **DISCIPLINES**

- Policy and Organization
- Planning and Environment
- Design and Construction
- Operations and Maintenance
- Safety and Systems Users
- Legal Resources

## **MODES**

- Highways
- Public Transportation
- Freight Systems
- Rail
- Air
- Marine
- Non-Motorized

# TRB Standing Committees: WHAT DO THEY DO?

- **Identify research needs**
- **Encourage needed research**
- **Sponsor sessions, conferences and meetings**
- **Generate papers and reports**
- **Disseminate information**



# ANNUAL MEETING

1920s



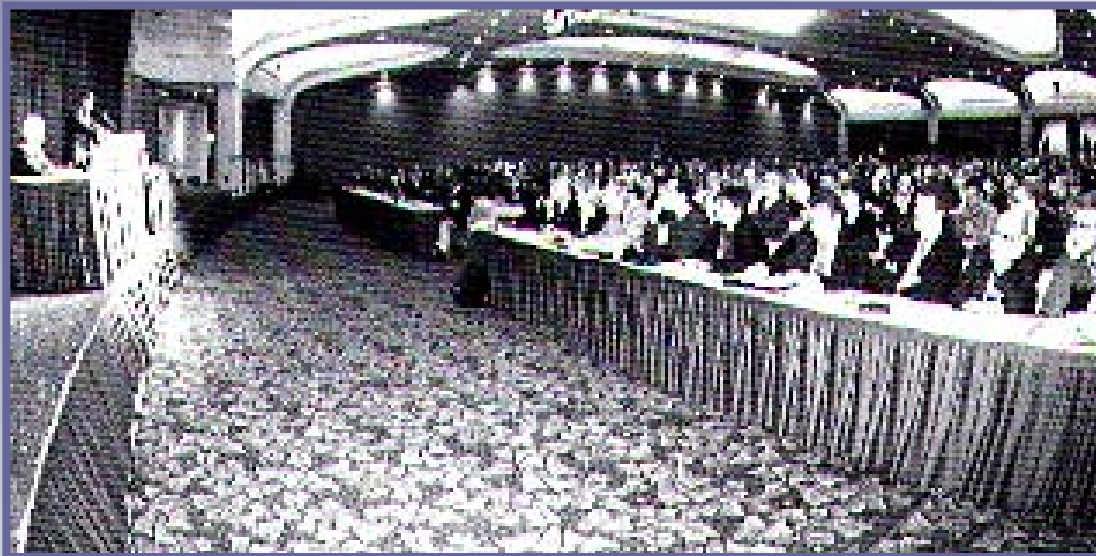
# TRB Annual Meeting Scope



- All Modes
- Research
- Policy
- Practice

# TRB Annual Meeting Program

- Over 9,000 attendees
- Over 500 sessions
- 2,500+ presentations
- 350 TRB committee meetings
- 150 other meetings



# Other Conferences and Workshops

- About 75 other specialty conferences and workshops each year
- For example –
  - June 20-24, 2005, Seventh International Symposium on Utilization of High Strength/High-Performance Concrete
  - July 17-19, 2005,  
Environmental Stewardship in Transportation Through Waste Management, Materials Reuse, and EMS
- To see the full list  
<http://www.trb.org/calendar/>

# RESEARCH MANAGEMENT





# National Cooperative Highway Research Program (NCHRP)





# 1992: Transit Cooperative Research Program (TCRP)



# AIRPORT COOPERATIVE RESEARCH PROGRAM







# 1992 Innovations Deserving Exploratory Analysis

# Proposed Research Programs

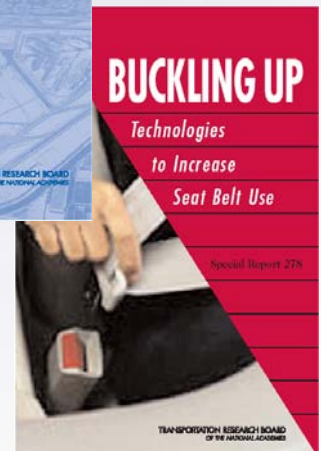
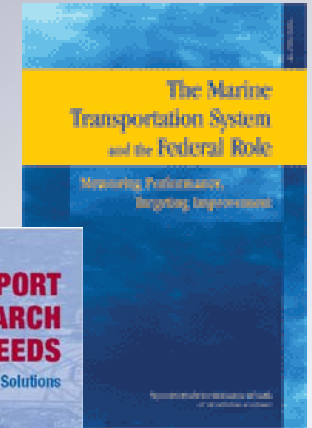
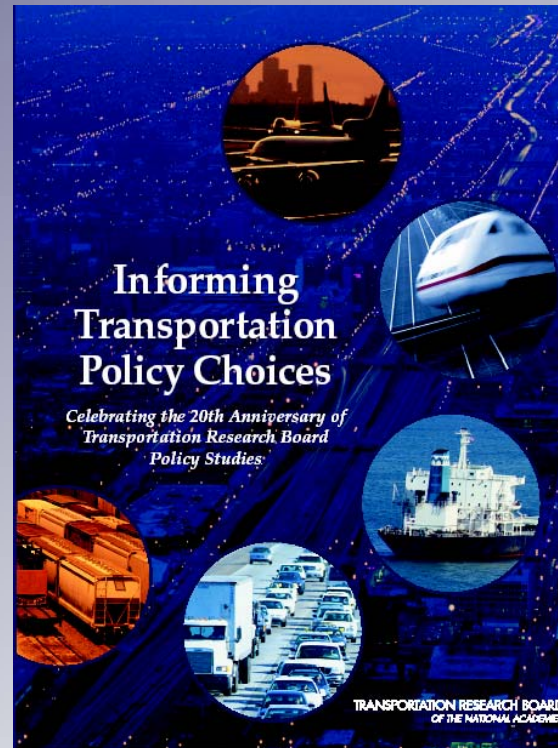
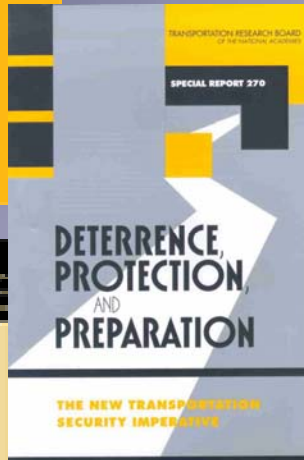
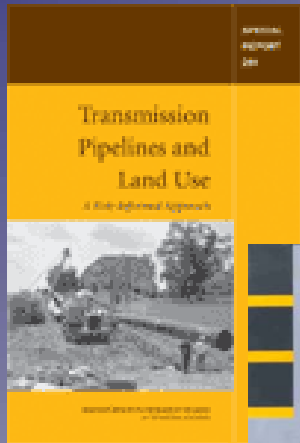
- Surface Transportation Environmental Cooperative Research Program
- Hazardous Materials Cooperative Research Program
- Future Strategic Highway Research Program

# POLICY ANALYSIS AND ADVICE





# TRB Policy Studies






## Publications and Research Information



# www.TRB.org



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OF THE NATIONAL ACADEMIES

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## Announcements

12/21 - 2005 TRB 84th Annual Meeting: Press Advisories

12/21 - 2005 TRB 84th Annual Meeting: Speed On-Site Material Pickup -- Advance Registration Ends December 31, 2004

12/10 - 2005 TRB 84th Annual Meeting: Design and Construction Mini-Themes

12/7 - 2005 TRB 84th Annual Meeting: New and Young Attendees Invited to Welcome Session and Networking Reception

12/6 - 2005 TRB 84th Annual Meeting: Overflow Hotel Information

12/3 - 2005 TRB 84th Annual Meeting: TRB Exhibit and Book Sale

## Recent Publications

12/21 - Environmental Stewardship Practices, Procedures, and Policies for Highway Construction and Maintenance

12/20 - 2005 Catalog of Practical Papers for State Departments of Transportation

12/16 - Training Materials for Night Road Work to Improve Safety and Operations

12/16 - Training Program for Night Road Work to Improve Safety and Operations

12/15 - Road Safety Audits

12/14 - Pavement Management Applications Using Geographic Information Systems

12/13 - Strategies to Increase Coordination of Transportation Services for the Transportation Disadvantaged

12/9 - Archived River Meander Bend Database CD-ROM

12/9 - Handbook for Predicting Stream Meander Migration and Supporting Software

12/9 - Methodology for Predicting Channel Migration

[>> More](#)

## TRB News

12/21 - 2005 Officers and New Members of TRB Executive Committee Announced

12/17 - Census Data for Transportation Planning: Preparing for the Future  
*Poster Proposals Due January 21, 2005*

12/10 - Research on Women's Issues in Transportation Conference: A TRB e-Session


12/9 - 2005 TRB 84th Annual Meeting: Advance Internet and Fax Registration Services Close December 31, 2004


12/7 - 44th Annual Workshop on Transportation Law


[>> More](#)   [\[ View Current E-Newsletter \]](#)

## Requests for Proposals

**Search Publications:**

  
 Highway Capacity Manual 2000

  
 Access Management Manual

  
 Transit Capacity and Quality of Service

# TRB e-Newsletter

- **TRB News**
- **New TRB Publications**
- **Upcoming TRB Meetings and Conferences**
- **Federal Research News**
- **University Research News**
- **International Research News**
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# TRIS

U.S. Department of Transportation  
Bureau of Transportation Statistics

National Transportation Library

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Search the [TRB Research in Progress \(RIP\) Database](#) for current research projects.  
 Search the [International Transport Research Documentation \(ITRD\) Database](#) for international material.

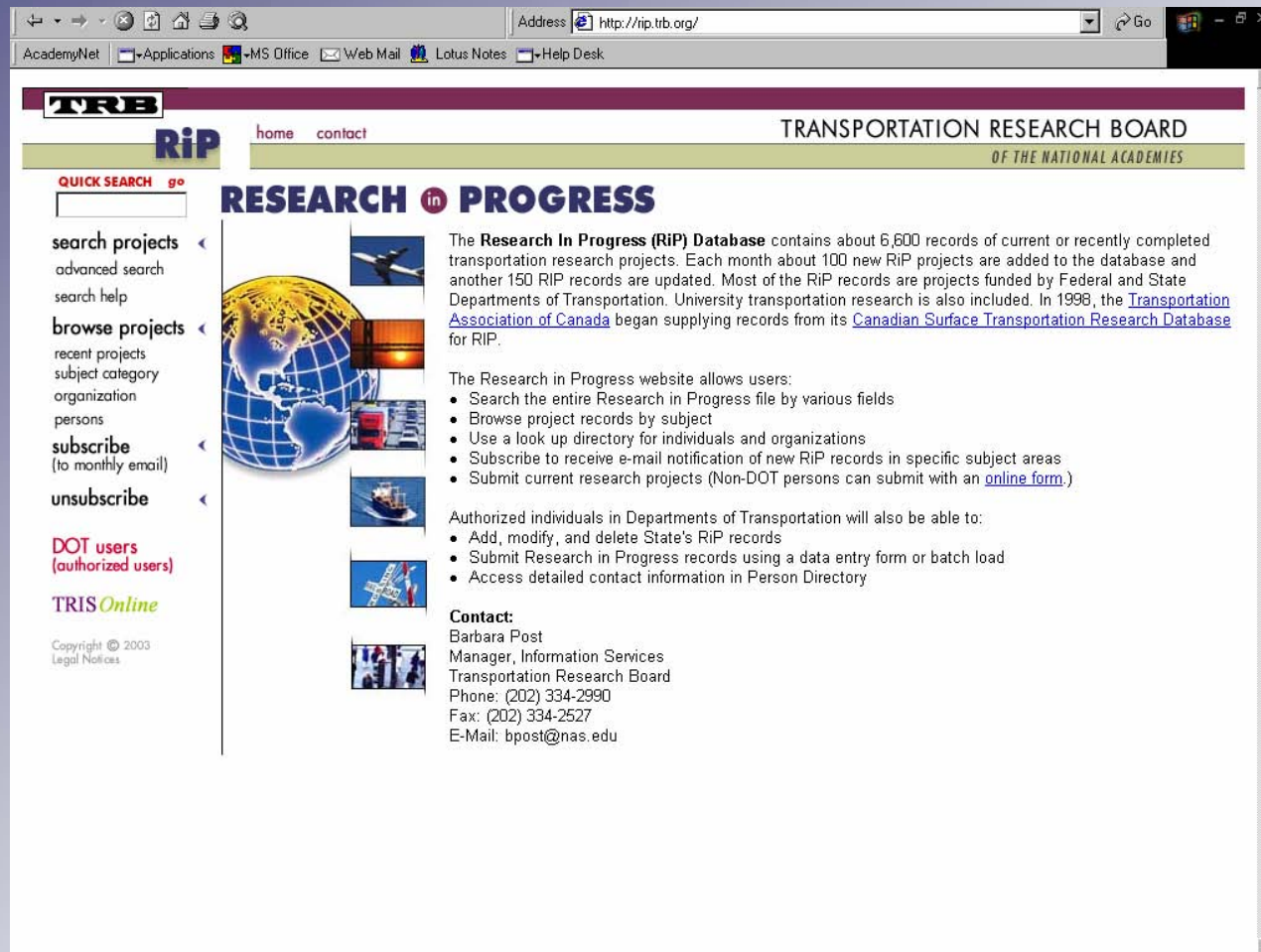
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# Research in Progress (RiP)



The screenshot shows a web browser window displaying the Research in Progress (RiP) website. The browser's address bar shows the URL <http://rip.trb.org/>. The website header features the TRB logo and the text "TRANSPORTATION RESEARCH BOARD OF THE NATIONAL ACADEMIES". Below the header, there are navigation links for "home" and "contact". The main content area is titled "RESEARCH in PROGRESS" and includes a "QUICK SEARCH" box with a "go" button. A sidebar on the left contains links for "search projects", "browse projects", "subscribe", and "unsubscribe". The main text area describes the RiP Database, which contains about 6,600 records of current or recently completed transportation research projects. It also lists the features of the RiP website, such as searching by various fields, browsing by subject, and receiving e-mail notifications. The contact information for Barbara Post, Manager of Information Services, is provided at the bottom.

**TRANSPORTATION RESEARCH BOARD**  
OF THE NATIONAL ACADEMIES

**RESEARCH in PROGRESS**

The **Research In Progress (RiP) Database** contains about 6,600 records of current or recently completed transportation research projects. Each month about 100 new RiP projects are added to the database and another 150 RiP records are updated. Most of the RiP records are projects funded by Federal and State Departments of Transportation. University transportation research is also included. In 1998, the [Transportation Association of Canada](#) began supplying records from its [Canadian Surface Transportation Research Database](#) for RiP.

The Research in Progress website allows users:

- Search the entire Research in Progress file by various fields
- Browse project records by subject
- Use a look up directory for individuals and organizations
- Subscribe to receive e-mail notification of new RiP records in specific subject areas
- Submit current research projects (Non-DOT persons can submit with an [online form](#).)

Authorized individuals in Departments of Transportation will also be able to:

- Add, modify, and delete State's RiP records
- Submit Research in Progress records using a data entry form or batch load
- Access detailed contact information in Person Directory

**Contact:**  
Barbara Post  
Manager, Information Services  
Transportation Research Board  
Phone: (202) 334-2990  
Fax: (202) 334-2527  
E-Mail: [bpost@nas.edu](mailto:bpost@nas.edu)



# TRB Sponsors

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- **Federal Highway Administration**
- **Federal Transit Administration**
- **Federal Railroad Administration**
- **Federal Aviation Administration**
- **Federal Motor Carrier Safety Administration**
- **National Highway Traffic Safety Administration**
- **RITA/Bureau of Transportation Statistics**
- **Department of Energy**
- **U.S. Army Corps of Engineers**
- **U.S. Coast Guard**
- **U.S. Environmental Protection Agency**
- **National Aeronautics and Space Administration**

## **State DOTs**

## **Industrial Associations**

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